

FIG. 1
 (PRIOR ART)

Illumi- nation optics	PBS			HM		
	0.5~1.0			0.25		
Detection optics	PBS	HM	Invention	PBS (Prior art)	HM	Invention
	-	0.5	1.0	0.5~1.0	0.5	1.0
Total efficiency	-	0.25 ~0.5	0.5~1.0	0.125 ~0.25	0.125	0.25

FIG. 2

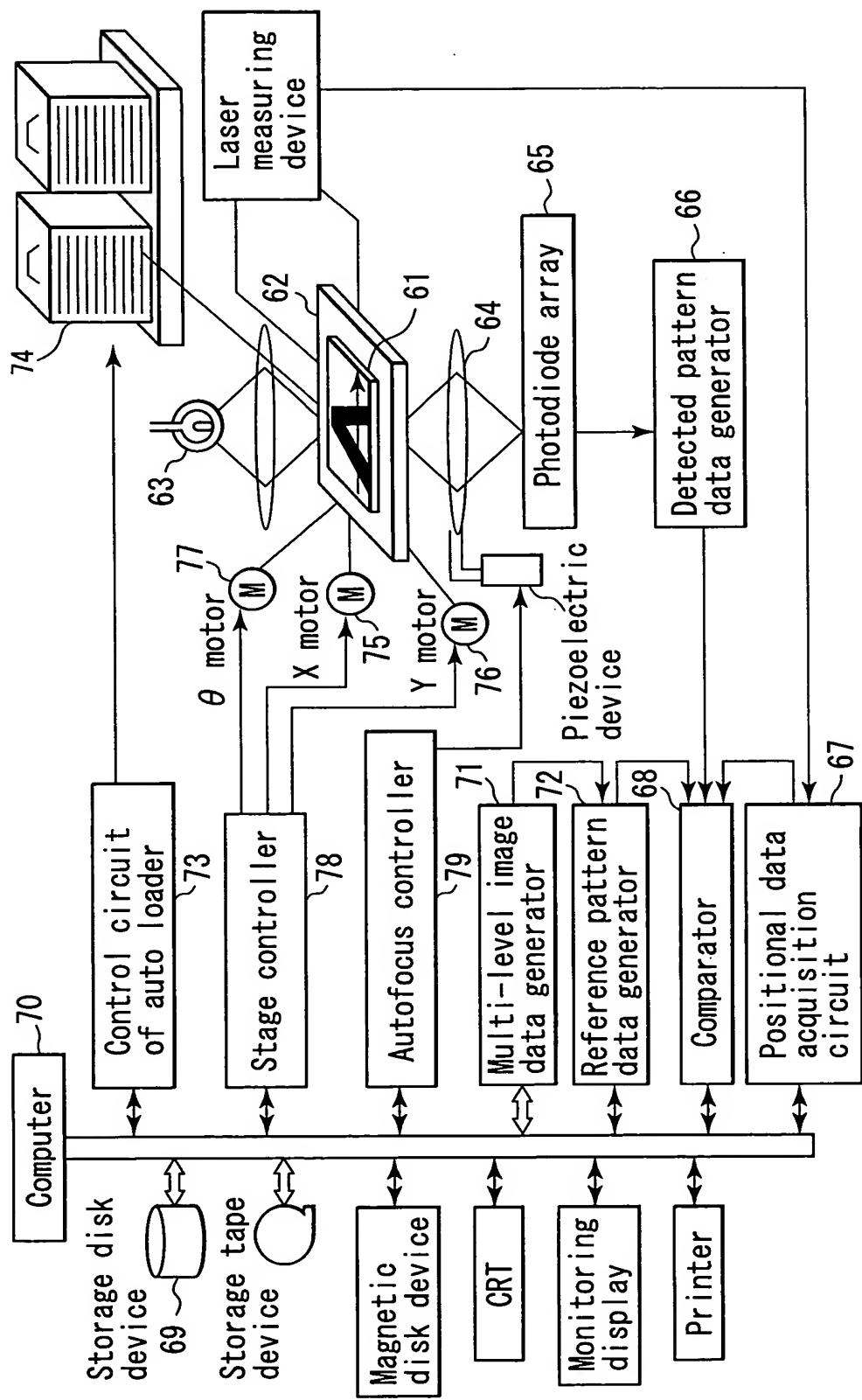


FIG. 3

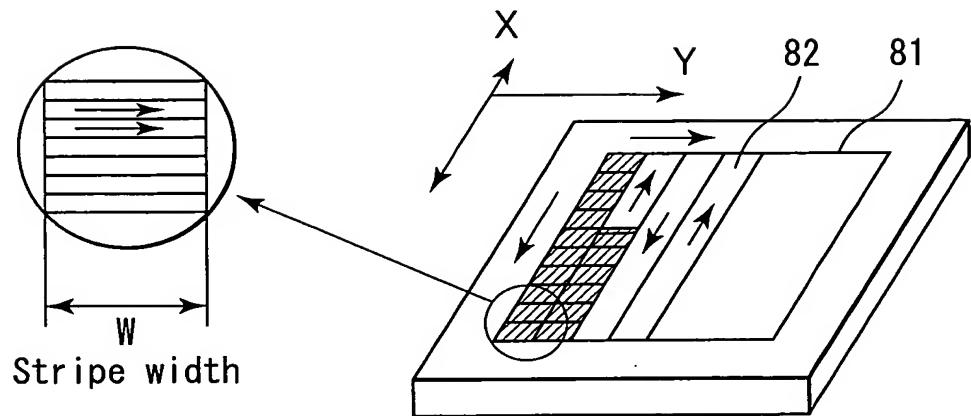


FIG. 4

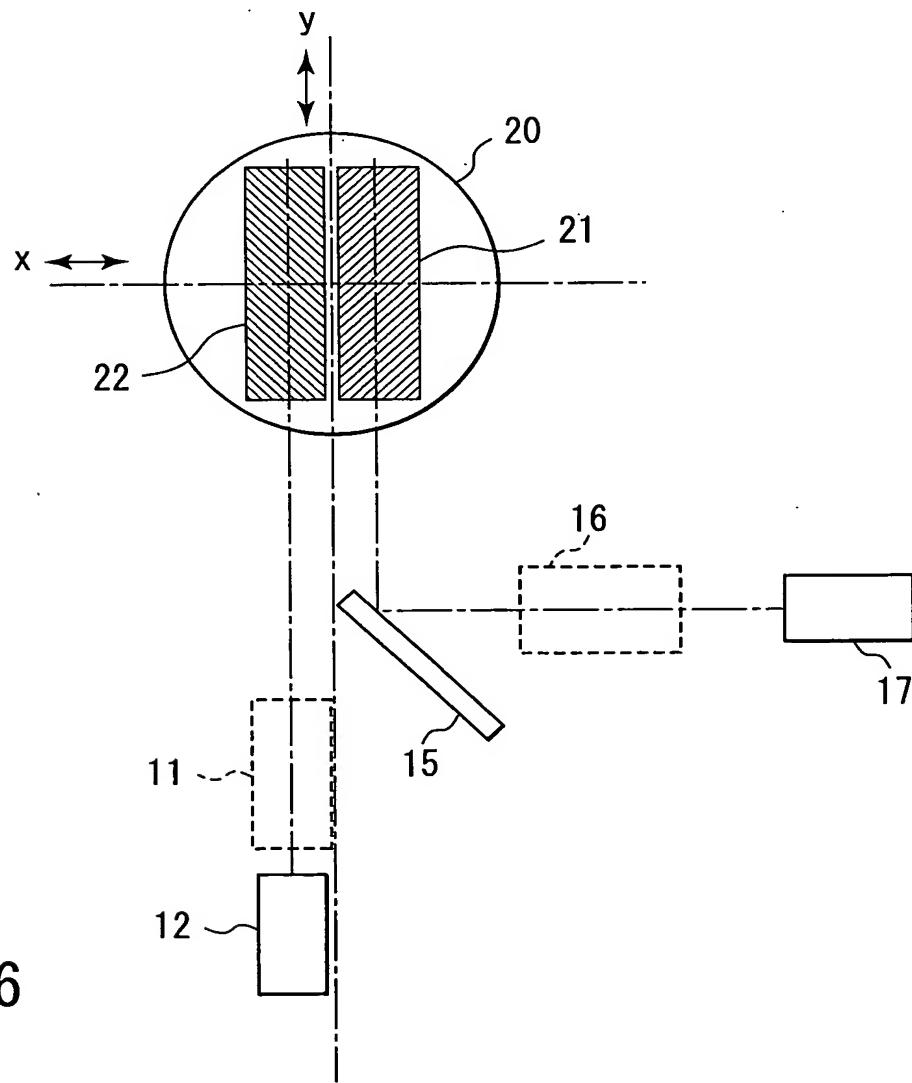


FIG. 6

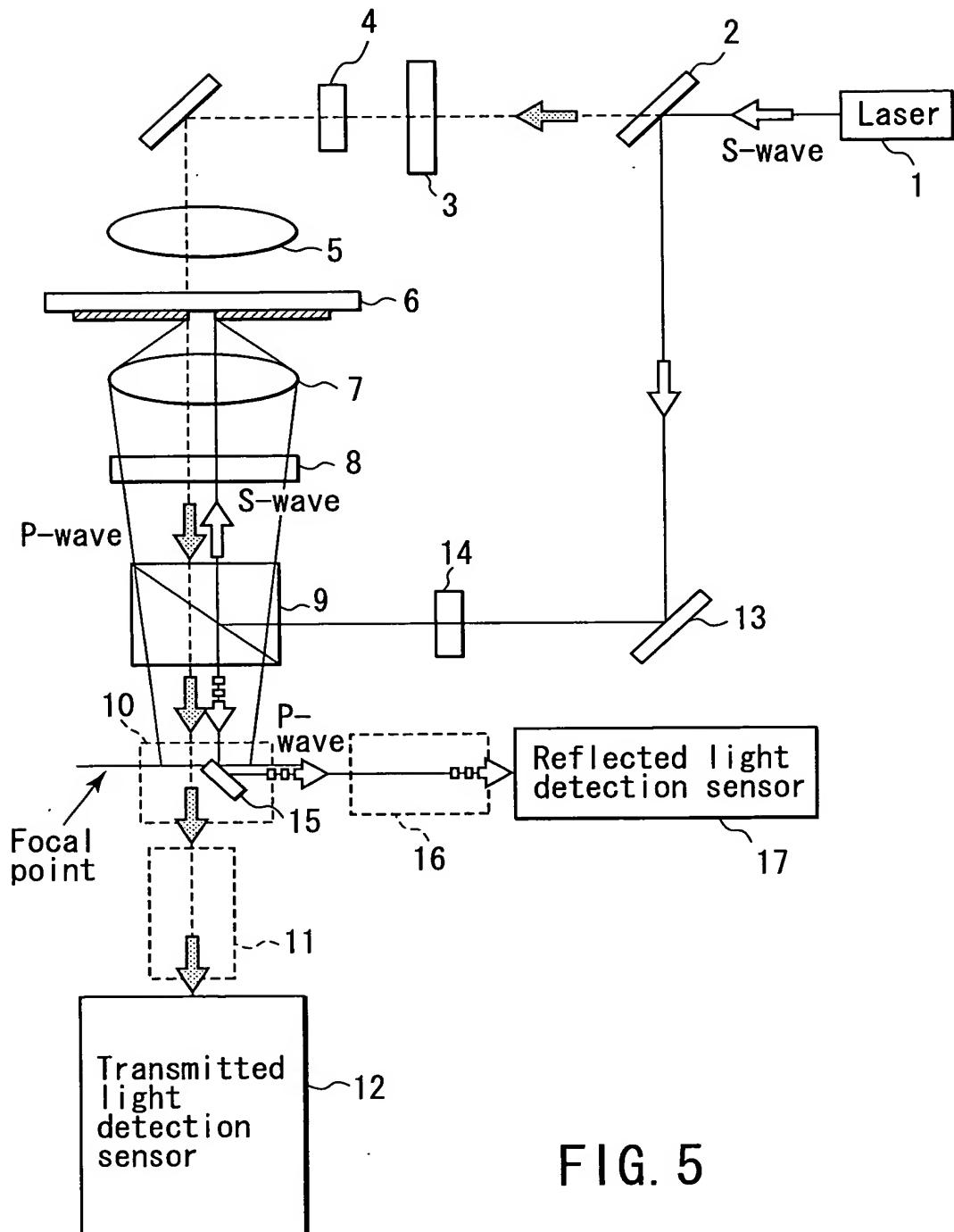


FIG. 5

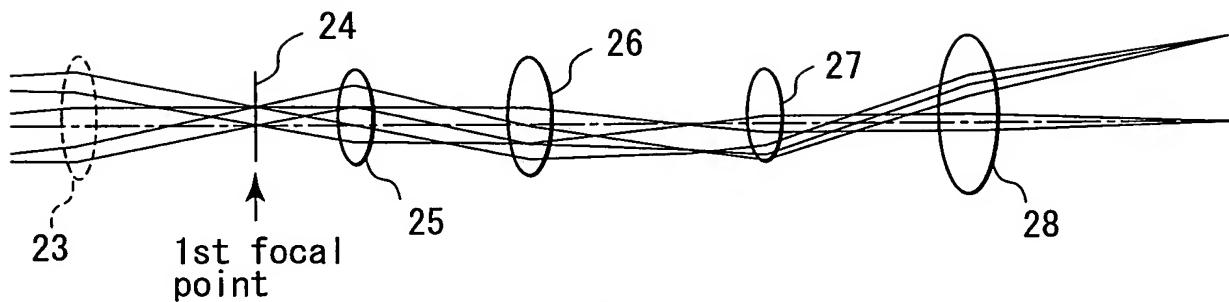


FIG. 7

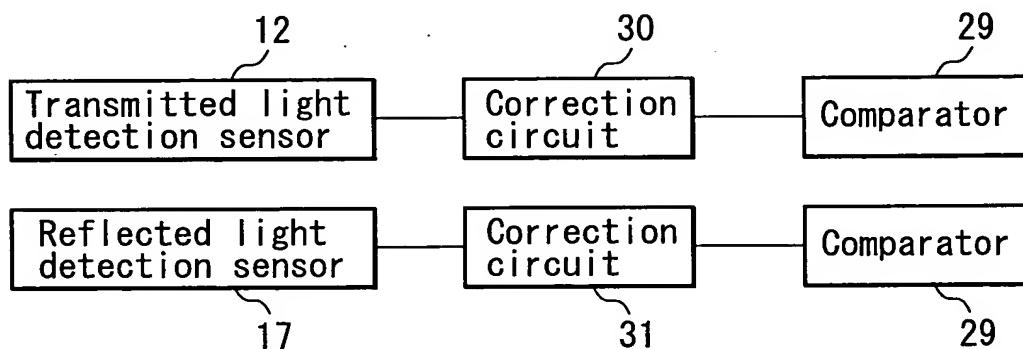
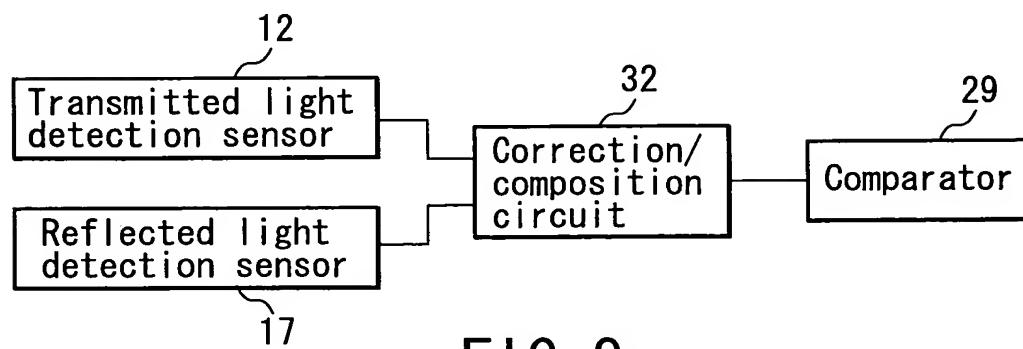


FIG. 8



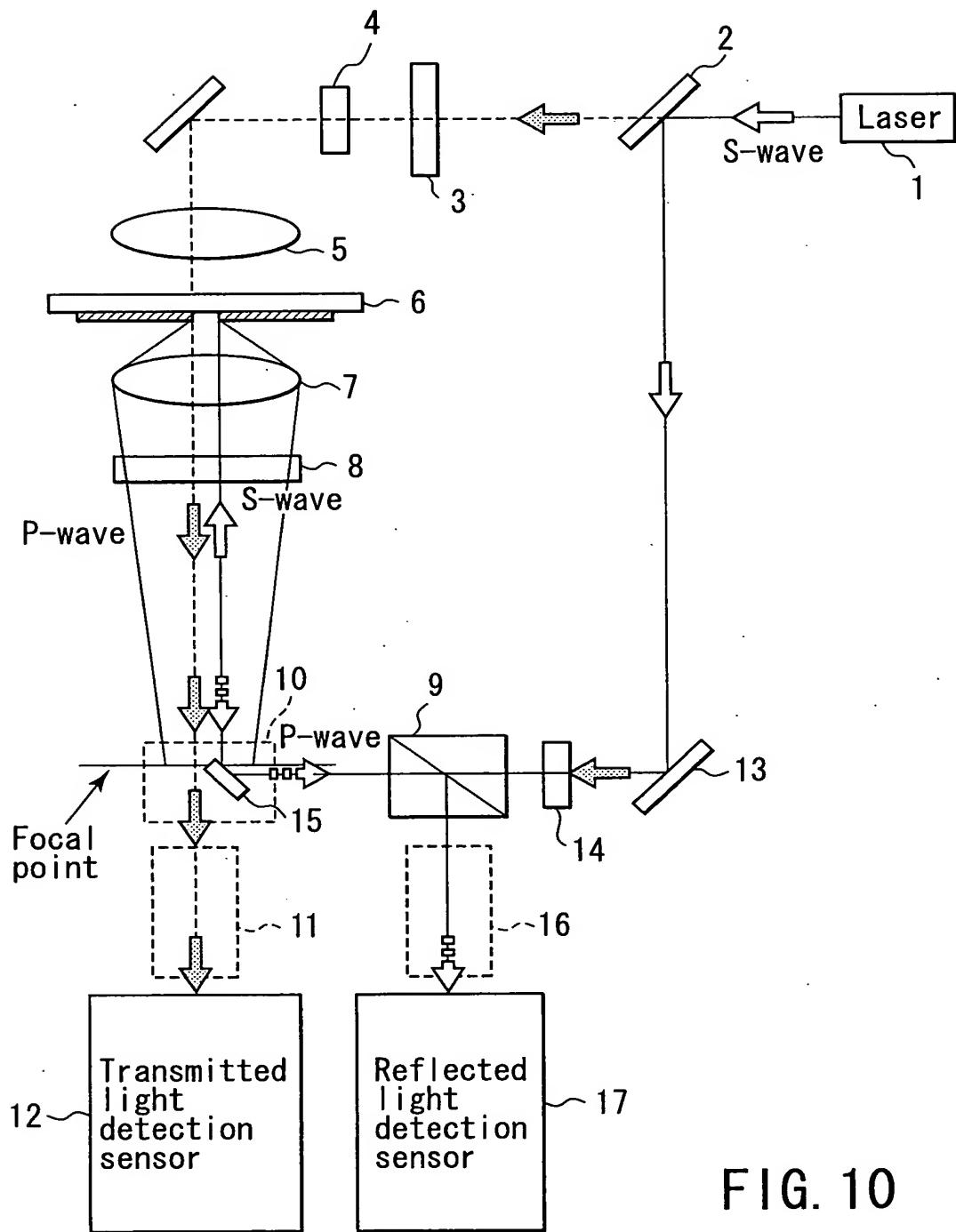


FIG. 10

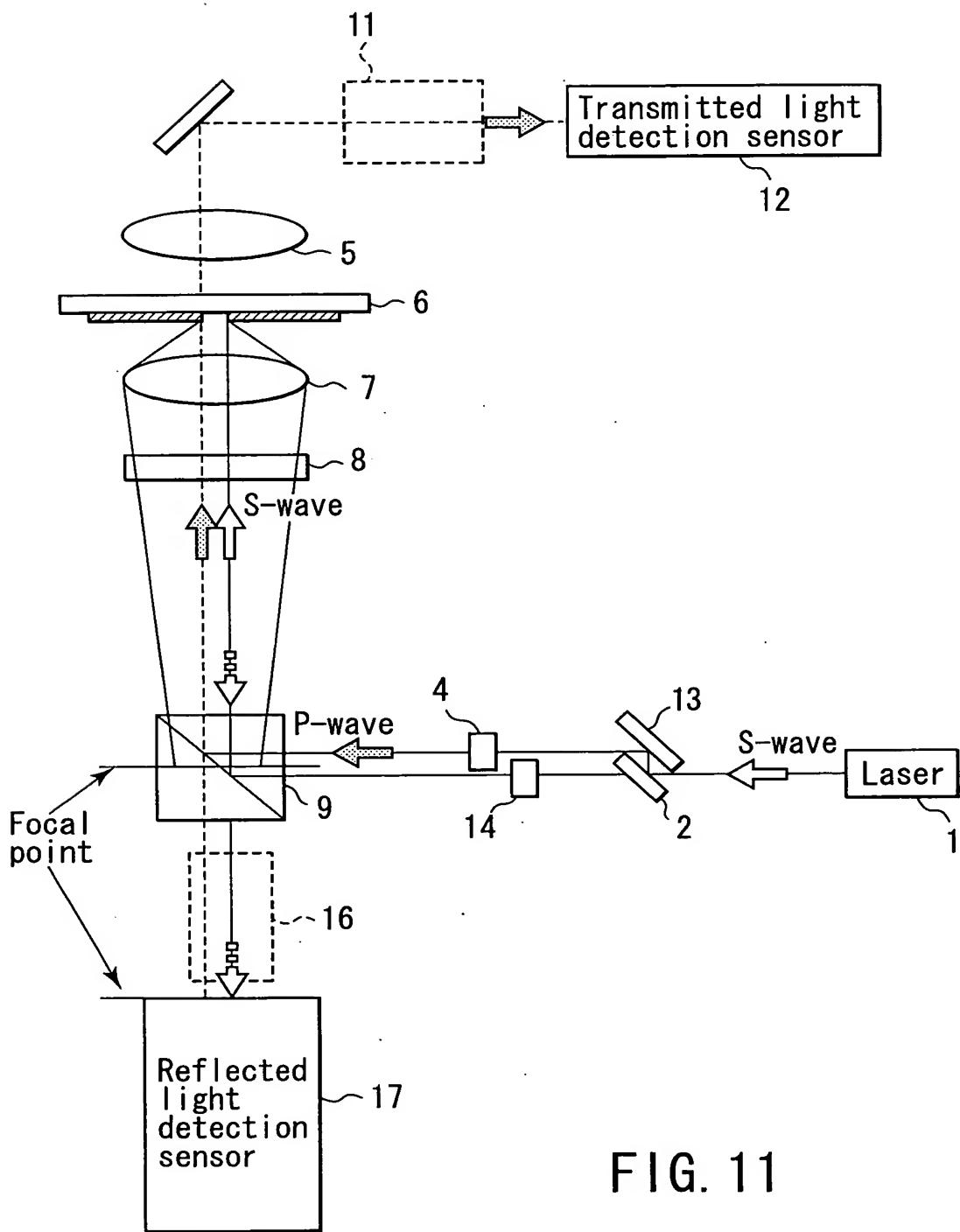


FIG. 11